



 <b>National Transportation Safety Board</b> <b>FACTUAL REPORT</b> <b>AVIATION</b>		NTSB ID: DCA09MA027		Aircraft Registration Number: N200WQ	
		Occurrence Date: 02/12/2009		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place Clarence Center	State NY	Zip Code 14032	Local Time 2017	Time Zone EST	
Airport Proximity: Off Airport/Airstrip		Distance From Landing Facility: 7			
Aircraft Information Summary					
Aircraft Manufacturer BOMBARDIER INC		Model/Series DHC-8-402		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>*** Note: NTSB investigators traveled in support of this investigation and used data obtained from various sources to prepare this aircraft accident report. ***</p> <p>The Safety Board's full report is available at <a href="http://www.nts.gov/publictn/A_Acc1.htm">http://www.nts.gov/publictn/A_Acc1.htm</a>. The Aircraft Accident Report number is NTSB/AAR-10/01.</p> <p>On February 12, 2009, about 2217 eastern standard time, a Colgan Air, Inc., Bombardier DHC-8-400, N200WQ, operating as Continental Connection flight 3407, was on an instrument approach to Buffalo-Niagara International Airport, Buffalo, New York, when it crashed into a residence in Clarence Center, New York, about 5 nautical miles northeast of the airport. The 2 pilots, 2 flight attendants, and 45 passengers aboard the airplane were killed, one person on the ground was killed, and the airplane was destroyed by impact forces and a postcrash fire. The flight was operating under the provisions of 14 Code of Federal Regulations Part 121. Night visual meteorological conditions prevailed at the time of the accident.</p> <p>Updated on Mar 28 2010 5:13PM</p>					
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		Occurrence Date: 02/12/2009				
		Occurrence Type: Accident				
<b>Landing Facility/Approach Information</b>						
Airport Name Buffalo-Niagara International		Airport ID: BUF	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:						
Runway Surface Condition:						
Approach/Arrival Flown: ILS						
VFR Approach/Landing:						
<b>Aircraft Information</b>						
Aircraft Manufacturer BOMBARDIER INC		Model/Series DHC-8-402		Serial Number 4200		
Airworthiness Certificate(s): Transport						
Landing Gear Type: Tricycle						
Amateur Built Acft? No		Number of Seats: 74		Certified Max Gross Wt. LBS	Number of Engines: 2	
Engine Type: Turbo Prop		Engine Manufacturer: P&W CANADA		Model/Series: PW150A		Rated Power: 5071 HP
<b>- Aircraft Inspection Information</b>						
Type of Last Inspection Continuous Airworthiness		Date of Last Inspection 02/2010		Time Since Last Inspection Hours		Airframe Total Time 1819 Hours
<b>- Emergency Locator Transmitter (ELT) Information</b>						
ELT Installed?/Type Yes /		ELT Operated? Yes		ELT Aided in Locating Accident Site? No		
<b>Owner/Operator Information</b>						
Registered Aircraft Owner  COLGAN AIR INC		Street Address 1689 NONCONNAH BLVD STE 111				
		City MEMPHIS		State TN	Zip Code 38132-2111	
Operator of Aircraft  COLGAN AIR INC		Street Address				
		City Manasas		State VA	Zip Code	
Operator Does Business As: Continental Connection				Operator Designator Code: NSVA		
<b>- Type of U.S. Certificate(s) Held:</b>						
Air Carrier Operating Certificate(s): Flag Carrier/Domestic						
Operating Certificate:			Operator Certificate:			
Regulation Flight Conducted Under: Part 121: Air Carrier						
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only						
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Name			City		State	Date of Birth	Age																																																																																								
On File			On File		On File	On File	47																																																																																								
Sex: M	Seat Occupied: Left		Occupational Pilot? Yes			Certificate Number: On File																																																																																									
Certificate(s): Airline Transport																																																																																															
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																															
Rotorcraft/Glider/LTA: None																																																																																															
Instrument Rating(s): Airplane																																																																																															
Instructor Rating(s): None																																																																																															
Current Biennial Flight Review? 12/2008																																																																																															
Medical Cert.: Class 1		Medical Cert. Status: With Waivers/Limitations			Date of Last Medical Exam: 08/2008																																																																																										
<table border="1"> <tr> <th>- Flight Time Matrix</th> <th>All A/C</th> <th>This Make and Model</th> <th>Airplane Single Engine</th> <th>Airplane Multi-Engine</th> <th>Night</th> <th colspan="2">Instrument Actual      Simulated</th> <th>Rotorcraft</th> <th>Glider</th> <th>Lighter Than Air</th> </tr> <tr> <td>Total Time</td> <td>3263</td> <td>110</td> <td>312</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td>1205</td> <td>110</td> <td>174</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instruction Received</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>110</td> <td>110</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>51</td> <td>51</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>0</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>								- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument Actual      Simulated		Rotorcraft	Glider	Lighter Than Air	Total Time	3263	110	312								Pilot In Command(PIC)	1205	110	174								Instructor											Instruction Received											Last 90 Days	110	110									Last 30 Days	51	51									Last 24 Hours	0	0								
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Seatbelt Used? Yes		Shoulder Harness Used? Yes			Toxicology Performed? Yes		Second Pilot? Yes																																																																																								
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Type of Flight Plan Filed: IFR																																																																																															
Departure Point		State		Airport Identifier		Departure Time		Time Zone																																																																																							
Newark		NJ		EWR		2119		EST																																																																																							
Destination		State		Airport Identifier																																																																																											
Buffalo		NY		BUF																																																																																											
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WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site																																																																														
BUF	2210	EST	Ft. MSL	5 NM	65 Deg. Mag.																																																																														
Sky/Lowest Cloud Condition:				1100 Ft. AGL	Condition of Light: Night																																																																														
Lowest Ceiling: Broken			2100 Ft. AGL	Visibility: 3 SM	Altimeter: "Hg																																																																														
Temperature: °C		Dew Point: °C	Weather Conditions at Accident Site: Visual Conditions																																																																																
Wind Direction: 250		Wind Speed: 15		Wind Gusts:																																																																															
Visibility (RVR): Ft.		Visibility (RVV) SM																																																																																	
Precip and/or Obscuration:																																																																																			
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Aircraft Damage: Destroyed		Aircraft Fire: Ground		Aircraft Explosion: Ground																																																																															
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">- Injury Summary Matrix</th> <th style="width: 10%;">Fatal</th> <th style="width: 10%;">Serious</th> <th style="width: 10%;">Minor</th> <th style="width: 10%;">None</th> <th style="width: 10%;">TOTAL</th> </tr> </thead> <tbody> <tr><td>First Pilot</td><td style="text-align: center;">1</td><td></td><td></td><td></td><td style="text-align: center;">1</td></tr> <tr><td>Second Pilot</td><td style="text-align: center;">1</td><td></td><td></td><td></td><td style="text-align: center;">1</td></tr> <tr><td>Student Pilot</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Flight Instructor</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Check Pilot</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Flight Engineer</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Cabin Attendants</td><td style="text-align: center;">2</td><td></td><td></td><td></td><td style="text-align: center;">2</td></tr> <tr><td>Other Crew</td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Passengers</td><td style="text-align: center;">45</td><td></td><td></td><td></td><td style="text-align: center;">45</td></tr> <tr><td>- TOTAL ABOARD -</td><td style="text-align: center;">49</td><td></td><td></td><td></td><td style="text-align: center;">49</td></tr> <tr><td>Other Ground</td><td style="text-align: center;">1</td><td></td><td></td><td></td><td style="text-align: center;">1</td></tr> <tr><td>- GRAND TOTAL -</td><td style="text-align: center;">50</td><td></td><td></td><td></td><td style="text-align: center;">50</td></tr> </tbody> </table>						- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	First Pilot	1				1	Second Pilot	1				1	Student Pilot						Flight Instructor						Check Pilot						Flight Engineer						Cabin Attendants	2				2	Other Crew						Passengers	45				45	- TOTAL ABOARD -	49				49	Other Ground	1				1	- GRAND TOTAL -	50				50
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	Occurrence Type: Accident	
<b>Administrative Information</b>		
<b>Investigator-In-Charge (IIC)</b> Effie Lorenda Ward		
<b>Additional Persons Participating in This Accident/Incident Investigation:</b>  chris Soucy FAA Washington, DC  pete frey ALPA  Mike Crook Colgan  Jim Davis NATCA  Deb Tortora Steelworkers Union - flight attendants union  Don Enns TSB - Canada  Julian Firth AAIB  Alan Thorne AAIB		
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